

RTIP ID# <i>(required)</i> ORA000147				
TCWG Consideration Date September 28, 2010				
Project Description <i>(clearly describe project)</i>				
<p>The Orangethorpe Avenue Grade Separation Project (proposed project) is a component of the Orange County Gateway Project previously approved by the City of Placentia and as certified by the Federal Highway Administration (FHWA). The Orange County Transportation Authority, in cooperation with the Cities of Fullerton, Anaheim, and Placentia, obtained funding through Measure M and the State Proposition 1B Trade Corridor Improvement Fund (TCIF) program to administer eight new grade separation projects along the BNSF railroad corridor, with the intention to completely separate vehicle and train traffic at each location along the Orangethorpe Corridor. One of the planned eight grade separation projects was Orangethorpe Avenue. Since project approval, design modifications have occurred to the approved Orangethorpe Avenue project. Therefore, an environmental review of the modified Orangethorpe Avenue project is warranted.</p> <p>The proposed project is located within the Cities of Anaheim and Placentia, with the limits being from approximately 1,400 feet west of Carbon Canyon Channel to just east of Traub Lane. The proposed project consists of constructing a grade separated overpass over the BNSF Railroad with at-grade connections for Miller Street/Crowther Avenue (Miller/Crowther) and Chapman Avenue to Orangethorpe Avenue. Orangethorpe Avenue is a major arterial highway consisting of a 93-foot right-of-way west of the BNSF crossing and a 113-foot right-of-way east of the crossing. It is currently striped for two lanes in each direction with painted medians and left turn lanes at the Miller/Crowther and Chapman Avenue intersections. Orangethorpe Avenue, to the west of Carbon Canyon Channel, will be widened 28 feet to the south to match the ultimate planned width for a Primary Arterial.</p> <p>FTIP: ORANGETHORPE AVE GRADE SEPARATION: CONSTRUCT A GRADE SEPARATION ON ORANGETHORPE AVE AT THE BNSF RR TRACKS, ORANGE COUNTY GATEWAY PROJECT. (Project ID - ORA020824)</p> <p>RTIP: BNSF RWY LINE (PLACENTIA TO IMPERIAL HY) ALOGN CROWTHER/ORANGETHORPE E. GRADE SEP CORRIDR IMPRVS AT 11 ARTERIAL STS INCL P/E, PGM MGMT, PRJ RPT, EIR, RW & CONST & XING CLSURE/PED BRI. (RTP ID - ORA000147)</p>				
Type of Project <i>(use Table 1 on instruction sheet)</i>				
Roadway realignment, change to existing regionally significant street.				
County Orange	Narrative Location/Route & Postmiles Orangethorpe Avenue between Crowther Avenue/Miller Street and Traub Lane. Caltrans Projects/Federal ID – EA# 12-ORA-O-PLCN - Orangethorpe Avenue			
Lead Agency: City of Placentia				
Contact Person Michael McConah	Phone# (714) 993-8245	Fax# (714) 961-0283	Email mmconaha@placentia.org	
Hot Spot Pollutant of Concern <i>(check one or both)</i>		PM2.5 x	PM10 x	
Federal Action for which Project-Level PM Conformity is Needed <i>(check appropriate box)</i>				
Categorical Exclusion (NEPA)	EA or Draft EIS	FONSI or Final EIS	X PS&E or Construction	Other
Scheduled Date of Federal Action: 2010				

NEPA Delegation – Project Type <i>(check appropriate box)</i>				
Exempt	Section 6004 – Categorical Exemption	X	Section 6005 – Non- Categorical Exemption	
Current Programming Dates <i>(as appropriate)</i>				
	PE/Environmental	ENG	ROW	CON
Start	2001	2010	2010	2012
End	2009	2011	2011	2015
<p>Project Purpose and Need (Summary): <i>(attach additional sheets as necessary)</i></p> <p>The purpose of the proposed project is to eliminate the current and potential hazards posed by the existing at-grade crossings at the project intersections on the project segment of Orangethorpe Avenue. At the same time, the project seeks to accomplish the following objectives:</p> <ul style="list-style-type: none"> • Improve the economic vitality of the surrounding community by reducing traffic delays for residents, employees, and visitors to area businesses • Improve the projected future vehicle level of service (LOS) and reduce the amount of congestion and delay on the project area roadway network • Increase the efficiency of moving people and goods by rail (freight and passengers) and cars and trucks in the project area • Increase public safety by eliminating at-grade rail/local street crossings • Reduce operational train noise and whistles • Reduce emergency vehicle response times • Reduce air pollution from idling vehicles on local streets at rail crossings 				
<p>Surrounding Land Use/Traffic Generators <i>(especially effect on diesel traffic)</i></p> <p>The land uses along the project corridor include residences, light industrial, and commercial developments.</p>				
<p>Opening Year: Build and No Build LOS, AADT, % and # trucks, truck AADT of proposed facility</p> <p>LOS = See Table 1 , ADT = 24,000 , Truck ADT = 1,440 (6%) along Orangethorpe Avenue</p>				
<p>RTP Horizon Year / Design Year: Build and No Build LOS, AADT, % and # trucks, truck AADT of proposed facility</p> <p>LOS = See Table 2 , ADT = 34,000 , Truck ADT = 2,000 (6%) along Orangethorpe Avenue</p>				

Opening Year: If facility is an interchange(s) or intersection(s), Build and No Build cross-street AADT, % and # trucks, truck AADT

LOS = See Table 1 , ADT =5,000 to 15,000 , Truck ADT = 200 to 600 (4%) along Orangethorpe Avenue cross streets

RTP Horizon Year / Design Year: If facility is an interchange (s) or intersection(s), Build and No Build cross-street AADT, % and # trucks, truck AADT

LOS = See Table 2 , ADT =10,000 to 18,000 , Truck ADT = 400 to 720 (4%) along Orangethorpe Avenue cross streets

Describe potential traffic redistribution effects of congestion relief (*impact on other facilities*)

The project is a grade separation of the railroad and will thereby provide safety and Level of Service (LOS) benefits by eliminating delays from the existing at-grade crossing. Only minor redistribution effects will occur. The proposed project improves roadway operations by reducing traffic congestion and improving railroad safety.

Comments/Explanation/Details (*attach additional sheets as necessary*)

The proposed project is within a nonattainment area for federal PM2.5 and PM10 standards. Therefore, per 40 CFR Part 93 analyses are required for conformity purposes. However, the EPA does not require hotspot analyses, qualitative or quantitative, for projects that are not listed in Section 93.123(b)(1) as an air quality concern.

The project does not qualify as a project of air quality concern (POAQC) because of the following reasons:

- i. The proposed project is not a new or expanded highway project. The proposed project is a roadway realignment and railway overcrossing/lowering project that does not increase the capacity of the local roadways. Based on the project *Traffic Analysis* (Austin Foust Associates, Inc., 2010), the proposed project would not increase the traffic volumes along the local roadways. None of the traffic volumes along the roadways within the project vicinity would exceed the 125,000 average daily trips (ADT) threshold for a POAQC. In addition, the truck traffic would not exceed eight percent truck volume or the 10,000 truck ADT threshold for POAQC.
- ii. The proposed project does not affect intersections that are at level of service (LOS) D, E, or F with a significant number of diesel vehicles. The purpose of the proposed project is to eliminate the existing at-grade railroad crossings along Crowther Avenue and Orangethorpe Avenue. The removal of these at-grade crossings would reduce the delay and improve the LOS at intersections within the project vicinity.
- iii. The proposed project does not include the construction of a new bus or rail terminal.
- iv. The proposed project does not expand an existing bus or rail terminal.

Therefore, the proposed project meets the Clean Air Act requirements and 40 CFR 93.116 without any explicit hot-spot analysis. The proposed project would not create a new, or worsen an existing, PM10 or PM2.5 violation.